

# PATENT ABSTRACTS OF JAPAN

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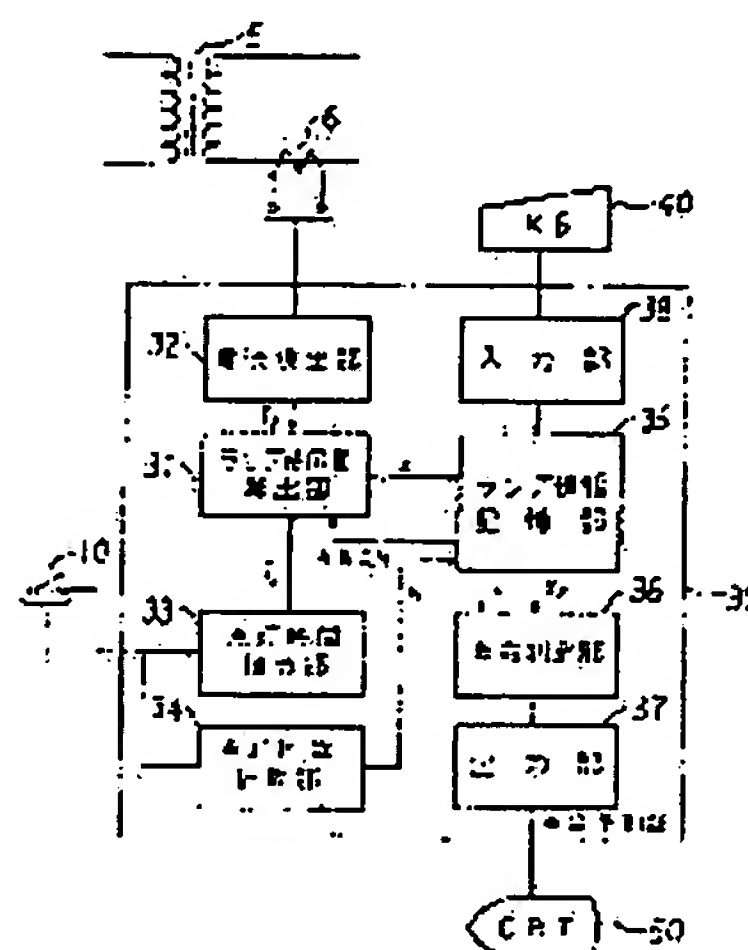
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## (54) LAMP LIFE ESTIMATE DEVICE

### (57) Abstract:

PURPOSE: To prevent the generation of trouble resulting from the shortage of luminous intensity when the filament is out off by detecting the current flowing to a lamp, the lighting time, and the lighting frequency to find the lamp consumption amount, and to preestimate that the lamp comes to its service life destination when the consumption amount reaches a specific standard amount.

CONSTITUTION: The current  $I$  flowing to a lamp, the time  $T$  to light the lamp, and the frequency  $N$  to light the lamp are detected respectively, and the lamp consumption amount is computed by a lamp consumption computing device 31. This consumption amount and a standard amount are compared in a lamp life deciding unit 36, and when the consumption amount reaches the standard amount, it is decided that the lamp service life comes to the destination. By estimating that the filament cutting is very close before the service life of the lamp comes to the destination in such a way, the generation of trouble resulting from the shortage of luminous intensity by the filament cutting can be prevented.



## LEGAL STATUS

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